P⊘RTAL

US Patent & Trademark Office

Search: ◉ The ACM Digital Library   ○ The Guide

slow link speed factor

THE ACM DIGITAL LIBRARY

Feedback   Report a problem   Satisfaction survey

Terms used **slow link speed factor**   Found **45,624** of **142,346**

Sort results by	relevance ▾

🐾 Save results to a Binder

Try an Advanced Search
Try this search in The ACM Guide

Display results	expanded form ▾

🔲 Search Tips
🔲 Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale 🔳🔳🔳🔳🔳

1 Principle for high speed network control: congestion-and deadlock-freeness, self-routing, and a single buffer per link
Yoram Ofek, Moti Yung
August 1990 **Proceedings of the ninth annual ACM symposium on Principles of distributed computing**
Full text available: 📄 pdf(1.50 MB)   Additional Information: full citation, references, citings, index terms

2 Symmetric bimanual interaction
Ravin Balakrishnan, Ken Hinckley
April 2000 **Proceedings of the SIGCHI conference on Human factors in computing systems**
Full text available: 📄 pdf(889.60 KB)   Additional Information: full citation, abstract, references, index terms

We present experimental work that explores the factors governing symmetric bimanual interaction in a two-handed task that requires the user to track a pair of targets, one target with each hand. A symmetric bimanual task is a two-handed task in which each hand is assigned an identical role. In this context, we explore three main experimental factors. We vary the *distance* between the pair of targets to track: as the targets become further apart, visual diversion increases, forcing the u ...

Keywords: Guiard theory, input, interaction techniques, symmetric interaction, two-handed input

3 TCP/IP performance with random loss and bidirectional congestion
T. V. Lakshman, Upamanyu Madhow, Bernhard Suter
October 2000 **IEEE/ACM Transactions on Networking (TON)**, Volume 8 Issue 5
Full text available: 📄 pdf(287.04 KB)   Additional Information: full citation, references, citings, index terms, review

Keywords: ADSL, TCP, buffer management, cable modems, scheduling

4 Supporting the hypercube programming model on mesh architectures: (a fast sorter for iWarp tori)
Thomas M. Stricker
June 1992 **Proceedings of the fourth annual ACM symposium on Parallel algorithms and architectures**

h   c   g e   cf   c

Full text available: pdf(1.11 MB)   Additional Information: full citation, references, citings, index terms

5 Flow profile comparison of a microscopic car-following model and a macroscopic platoon dispersion model for traffic simulation
Donald T. Gantz, James R. Mekemson
December 1990 **Proceedings of the 22nd conference on Winter simulation**

Full text available: pdf(424.89 KB)   Additional Information: full citation, references, index terms

6 Factoring a mobile client's effective processing speeed into the image transcoding decision
Richard Han
August 1999 **Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia**

Full text available: pdf(897.48 KB)   Additional Information: full citation, references, citings, index terms

Keywords: CPU, PDA, image processing, mobile, partitioning, proxy, transcoding

7 Formally reviewed communication: Memory cache and lisp: faster list processing via automatically rearranging memory
Richard Fateman
December 2003 **ACM SIGSAM Bulletin**, Volume 37 Issue 4

Full text available: pdf(67.95 KB)   Additional Information: full citation, abstract, references

The speed of modern computers can be increased by organizing computations so that memory access patterns correspond more closely to the memory cache-loading patterns implemented in the hardware. Rearranging code and data are each possible. Here we concentrate on automatic rearrangement of data, and examine the belief, common in some technical circles, that modern generational copying garbage collectors (GC) will improve data caching by relocating and compressing data, as a matter of normal proce ...

8 Extending hypertext streaming protocol to realize effective web page transmission via a caching proxy
Tadashi Nakano, Kaname Harumoto, Shinji Shimojo, Shojiro Nishio
March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Full text available: pdf(335.37 KB)   Additional Information: full citation, references, index terms

Keywords: HTSP, WWW, inline object, transmission order control caching proxy

9 Modeling the performance of HTTP over several transport protocols
John Heidemann, Katia Obraczka, Joe Touch
October 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 5

Full text available: pdf(388.85 KB)   Additional Information: full citation, references, citings, index terms

Keywords: HTTP, TCP, computer protocol performance, internetworking

h   c   g e   cf   c

10 On the characteristics and origins of internet flow rates

Yin Zhang, Lee Breslau, Vern Paxson, Scott Shenker

August 2002 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2002 conference on Applications, technologies, architectures, and protocols for computer communications**, Volume 32 Issue 4

Full text available: pdf(698.68 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper considers the distribution of the rates at which flows transmit data, and the causes of these rates. First, using packet level traces from several Internet links, and summary flow statistics from an ISP backbone, we examine Internet flow rates and the relationship between the rate and other flow characteristics such as size and duration. We find, as have others, that while the distribution of flow rates is skewed, it is not as highly skewed as the distribution of flow sizes. We also f ...

Keywords: TCP, flow rates, network measurement

11 Register windows vs. register allocation

D. W. Wall

June 1988 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1988 conference on Programming Language design and Implementation**, Volume 23 Issue 7

Full text available: pdf(1.27 MB)   Additional Information: full citation, abstract, references, citings, index terms

A large register set can be exploited by keeping variables and constants in registers instead of in memory. Hardware register windows and compile-time or link-time global register allocation are ways to do this. A measure of the effectiveness of any of these register management schemes is how thoroughly they remove loads and stores. This measure must also count extra loads and stores executed because of window overflow or conflicts between procedures. By combining profiling, inst ...

12 Best poster papers from MobiHoc 2002: An on-demand minimum energy routing protocol for a wireless ad hoc network

Sheetalkumar Doshi, Shweta Bhandare, Timothy X Brown

June 2002 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 6 Issue 3

Full text available: pdf(203.93 KB)   Additional Information: full citation, abstract, references, citings, index terms

A minimum energy routing protocol reduces the energy consumption of the nodes in a wireless ad hoc network by routing packets on routes that consume the minimum amount of energy to get the packets to their destination. This paper identifies the necessary features of an *on-demand* minimum energy routing protocol and suggests mechanisms for their implementation. We highlight the importance of efficient caching techniques to store the minimum energy route information and propose the use of an ...

13 Tree multicast strategies in mobile, multishop wireless networks

Mario Gerla, Ching-Chuan Chiang, Lixia Zhang

October 1999 **Mobile Networks and Applications**, Volume 4 Issue 3

Full text available: pdf(285.79 KB)   Additional Information: full citation, abstract, references, citings, index terms

Tree multicast is a well established concept in wired networks. Two versions, per-source tree multicast (e.g., DVMRP) and shared tree multicast (e.g., Core Based Tree), account for the majority of the wireline implementations. In this paper, we extend the tree multicast concept to wireless, mobile, multihop networks for applications ranging from ad hoc networking to disaster recovery and battlefield. The main challenge in wireless, mobile networks is the rapidly changing environment. We add ...

14

h   c   g e   cf   c

MagPIe: MPI's collective communication operations for clustered wide area systems

Thilo Kielmann, Rutger F. H. Hofman, Henri E. Bal, Aske Plaat, Raoul A. F. Bhoedjang

May 1999 **ACM SIGPLAN Notices , Proceedings of the seventh ACM SIGPLAN symposium on Principles and practice of parallel programming**, Volume 34 Issue 8

Full text available: pdf(1.36 MB)   Additional Information: full citation, abstract, references, citings, index terms

Writing parallel applications for computational grids is a challenging task. To achieve good performance, algorithms designed for local area networks must be adapted to the differences in link speeds. An important class of algorithms are collective operations, such as broadcast and reduce. We have developed MAGPIE, a library of collective communication operations optimized for wide area systems. MAGPIE's algorithms send the minimal amount of data over the slow ...

15 Reconciling responsiveness with performance in pure object-oriented languages

Urs Hölzle, David Ungar

July 1996 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 18 Issue 4

Full text available: pdf(537.19 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Dynamically dispatched calls often limit the performance of object-oriented programs, since opject-oriented programming encourages factoring code into small, reusable units, thereby increasing the frequency of these expensive operations. Frequent calls not only slow down execution with the dispatch overhead per se, but more importantly they hinder optimization by limiting the range and effectiveness of standard global optimizations. In particular, dynamically dispatched calles prevent stand ...

Keywords: adaptive optimization, pause clustering, profile-based optimization, run-time compilation, type feedback

16 On characterizing bandwidth requirements of parallel applications

Anand Sivasubramaniam, Aman Singla, Umakishore Ramachandran, H. Venkateswaran

May 1995 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1995 ACM SIGMETRICS joint international conference on Measurement and modeling of computer systems**, Volume 23 Issue 1

Full text available: pdf(1.15 MB)   Additional Information: full citation, abstract, references, citings, index terms

Synthesizing architectural requirements from an application viewpoint can help in making important architectural design decisions towards building large scale parallel machines. In this paper, we quantify the link bandwidth requirement on a binary hypercube topology for a set of five parallel applications. We use an execution-driven simulator called SPASM to collect data points for system sizes that are feasible to be simulated. These data points are then used in a regression analysis for projec ...

17 Papers: Return link optimization for internet service provision using DVB-S networks

Nihal K. G. Samaraweera

July 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 3

Full text available: pdf(1.07 MB)   Additional Information: full citation, abstract, references

Satellite based Digital Video Broadcasting (DVB-S) allows the same low cost satellite dish to receive both television programs and Internet traffic. The satellite system is used to construct a high-speed simplex distribution system, while the return path, needed for the Internet service will be provided using a low speed terrestrial network. The bandwidth asymmetry between the return and forward paths results in a problem, which we have termed "ACK congestion". A number of techniques that may al ...

18

h   c   g   e   cf   c

Virtual path bandwidth allocation in multiuser networks
Aurel A. Lazar, Ariel Orda, Dimitrios E. Pendarakis
December 1997 **IEEE/ACM Transactions on Networking (TON)**, Volume 5 Issue 6

Full text available: pdf(324.16 KB)   Additional Information: full citation, references, citings, index terms

Keywords: Nash equilibrium, bandwidth allocation, distributed algorithms, game theory, network control, virtual path

19 Algorithms: Bitmap algorithms for counting active flows on high speed links
Cristian Estan, George Varghese, Mike Fisk
October 2003 **Proceedings of the 2003 ACM SIGCOMM conference on Internet measurement**

Full text available: pdf(330.81 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents a family of bitmap algorithms that address the problem of counting the number of distinct header patterns (flows) seen on a high speed link. Such counting can be used to detect DoS attacks and port scans, and to solve measurement problems. Counting is especially hard when processing must be done within a packet arrival time (8 nsec at OC-768 speeds) and, hence, must require only a small number of accesses to limited, fast memory. A naive solution that maintains a hash table r ...

Keywords: counting flows, network traffic measurement

20 Multimedia Web services for mobile clients using quality aware transcoding
Surendar Chandra, Carla Schlatter Ellis, Amin Vahdat
August 1999 **Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia**

Full text available: pdf(1.18 MB)   Additional Information: full citation, references, citings, index terms

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10 next

h   c   g e   cf   c

Help   FAQ   Terms   IEEE Peer Review   Quick Links ▼

Welcome to IEEE Xplore
○ Home
○ What Can I Access?
○ Log-out

Tables of Contents
○ Journals & Magazines
○ Conference Proceedings
○ Standards

Search
○ By Author
○ Basic
○ Advanced

Member Services
○ Join IEEE
○ Establish IEEE Web Account
○ Access the IEEE Member Digital Library

○ Access the IEEE Enterprise File Cabinet

🖨 Print Format

Your search matched **23** of **1069805** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

| slow <and>link <and>factor | **Search** |

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

1 **On a simulator of a buoyant antenna - satellite wireless channel**
Primak, S.; Weaver, J.; Kontorovich, V.;
Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th , Volume: 1 , 6-9 Oct. 2003
Pages:138 - 142 Vol.1

[Abstract]   [PDF Full-Text (360 KB)]   IEEE CNF

2 **Field experiments on closed loop mode transmit diversity in W-CDMA forward link**
Fukumoto, S.; Higuchi, K.; Sawahashi, M.; Adachi, F.;
Spread Spectrum Techniques and Applications, 2000 IEEE Sixth International Symposium on , Volume: 2 , 6-8 Sept. 2000
Pages:433 - 438 vol.2

[Abstract]   [PDF Full-Text (568 KB)]   IEEE CNF

3 **Broadband packet wireless access incorporating high-speed IP packet transmission**
Abeta, S.; Atarashi, H.; Sawahashi, M.;
Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IEEE 56th , Volume: 2 , 24-28 Sept. 2002
Pages:844 - 848 vol.2

[Abstract]   [PDF Full-Text (324 KB)]   IEEE CNF

4 **Successive interference cancellation for multiuser asynchronous DS/CDMA detectors in multipath fading links**
Hui, A.L.C.; Letaief, K.B.;
Communications, IEEE Transactions on , Volume: 46 , Issue: 3 , March 1998
Pages:384 - 391

[Abstract]   [PDF Full-Text (324 KB)]   IEEE JNL

5 A multiuser interference cancellation technique utilizing convolutional codes and orthogonal multicarrier modulation for wireless indoor communications
Sanada, Y.; Nakagawa, M.;
Selected Areas in Communications, IEEE Journal on , Volume: 14 , Issue: 8 , Oct. 1996
Pages:1500 - 1509

[Abstract]   [PDF Full-Text (836 KB)]   **IEEE JNL**

6 Oxygenation of silver clad YBa$_2$Cu$_3$O$_{7-\delta}$
Neal, M.J.; Pathare, V.M.;
Magnetics, IEEE Transactions on , Volume: 27 , Issue: 2 , Mar 1991
Pages:1652 - 1655

[Abstract]   [PDF Full-Text (376 KB)]   **IEEE JNL**

7 Matched filter bounds without channel knowledge at the receiver
Medles, A.; Slock, D.T.M.;
Signals, Systems & Computers, 2003 The Thrity-Seventh Asilomar Conference on , Volume: 2 , 9-12 Nov. 2003
Pages:1676 - 1680 Vol.2

[Abstract]   [PDF Full-Text (434 KB)]   **IEEE CNF**

8 Performance comparison of cdma2000 forward power control modes
Yeh, J.; Khan, A.; Aydin, L.; Hamdy, W.;
Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE Proceedings on , Volume: 2 , 7-10 Sept. 2003
Pages:1742 - 1746 vol.2

[Abstract]   [PDF Full-Text (346 KB)]   **IEEE CNF**

9 Comparison of dynamic channel allocation schemes in downlink in UTRA TDD
Kurjenniemi, J.; Lehtinen, O.;
Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE Proceedings on , Volume: 1 , 7-10 Sept. 2003
Pages:901 - 905 Vol.1

[Abstract]   [PDF Full-Text (596 KB)]   **IEEE CNF**

10 Datagram-transfer protocol for UHF SATCOM
Huckell, G.R.; Chandler, E.W.;
MILCOM 2000. 21st Century Military Communications Conference Proceedings , Volume: 2 , 22-25 Oct. 2000
Pages:640 - 644 vol.2

[Abstract]   [PDF Full-Text (508 KB)]   **IEEE CNF**

11 CDMA forward link capacity and coverage in a multipath fading channel
Jalloul, L.; Rohani, K.;
Vehicular Technology Conference, 1997 IEEE 47th , Volume: 3 , 4-7 May 1997
Pages:1440 - 1444 vol.3

h   eee   e eee   g e ch e ch e   e   c e   e   ec   e

[Abstract]   [PDF Full-Text (324 KB)]   **IEEE CNF**

12 **Opportunistic transmission scheduling for multiuser MIMO systems**
Liang Dong; Teng Li; Yih-Fang Huang;
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2003
IEEE International Conference on , Volume: 5 , 6-10 April 2003
Pages:V - 65-8 vol.5

[Abstract]   [PDF Full-Text (342 KB)]   **IEEE CNF**

13 **TCP over wireless links with variable bandwidth**
Yavuz, M.; Khafizov, F.;
Vehicular Technology Conference, 2002. Proceedings. VTC 2002-Fall. 2002 IEEE
56th , Volume: 3 , 24-28 Sept. 2002
Pages:1322 - 1327 vol.3

[Abstract]   [PDF Full-Text (489 KB)]   **IEEE CNF**

14 **Analysis of slow-frequency-hop satellite communications using ambiguity functions**
Pursley, J.A.; Macdonald, T.G.;
MILCOM 2002. Proceedings , Volume: 1 , 7-10 Oct. 2002
Pages:160 - 164 vol.1

[Abstract]   [PDF Full-Text (587 KB)]   **IEEE CNF**

15 **In-service optical performance monitoring of high-speed transparent networks based on Q measurements**
Bach, R.; Moench, W.; Strohmaier, G.;
Transparent Optical Networks, 2001. Proceedings of 2001 3rd International
Conference on , 18-21 June 2001
Pages:210 - 217

[Abstract]   [PDF Full-Text (384 KB)]   **IEEE CNF**

1 2 Next

h   eee   e eee   g e ch e ch e   e   c e   e   ec   e

Web   Images   Groups   News   Froogle   **more »**

Google

[slow link speed factor application usage]   [Search]   Advanced Search
Preferences

Web   Results **1 - 10** of about **93,200** for <u>slow</u> <u>link</u> <u>speed</u> <u>factor</u> <u>application</u> <u>usage</u>. (**0.45** seconds)

Analysis Services optimization tips
... warehouse and Analysis Services will be connected via **slow link**. ... the cube and increase
the **speed** of queries ... warehouse database with a 'fill **factor**' option of ...
www.mssqlcity.com/Tips/olap_optimization.htm - 22k - Cached - Similar pages

Analysis Services optimization tips
... and Analysis Services will be connected via a **slow link**. ... process the cube and increase
the **speed** of queries ... warehouse database with a 'fill **factor**' option of ...
www.databasejournal.com/ features/mssql/article.php/1598311 - 41k - Cached - Similar pages

Windows NT: **Application** Profiling - A Microsoft Network ...
... WAN **link** on the other side is too **slow** and just ... a more powerful router or upgrading
the **link**, and so ... The faster the circuit **speed**, the quicker the packet gets ...
www.microsoft.com/technet/ prodtechnol/winntas/plan/ntopt9.mspx - 35k - Cached - Similar pages

Microsoft Exchange Server 5.5: Calculating Users per Server
... time limits they do not affect users' perception of system **speed**. ... once the user is
connected across the **slow link** that connection ... Non-Exchange-Related **Factors**. ...
www.microsoft.com/technet/prodtechnol/ exchange/55/deploy/usercap.mspx - 101k -
Cached - Similar pages
[More results from www.microsoft.com]

[PDF] WHITE PAPER
File Format: PDF/Adobe Acrobat - View as HTML
... **application** consumes more resources servicing users with **slow link speeds** than fast
link speeds. ... but it is expanding to new form **factors**, including blades ...
www.spirentcom.com/documents/1408.pdf - Similar pages

Quality of Service, diff serv, ip precedence
... cRTP ought only to be used with **slow** links ie ... is important if you have mismatched
link speeds at each ... If the trunk **link** uses Channel Associated Signalling (CAS ...
www.rhyshaden.com/qos.htm - 64k - Cached - Similar pages

broadband » DSL **Speed**
... at nearly the maximum **speed** of the **link**, unfortunately, those **slow** starting few ...
to each other, that may subtly or markedly reduce reported **speed**. ...
www.dslreports.com/**speed** - Similar pages

Telecom Asia - Clocking cellular: How **slow** can you go?
... way, there is such a thing as too **slow** for any ... is we run a VPN to their server and
link it to ... we've tested have a somewhat faster processor **speed** than some ...
www.telecomasia.net/telecomasia/ article/articleDetail.jsp?id=75084 - 84k - Cached - Similar pages

Broadband **Speed** Test
... **speed** of the **link**, unfortunately, those **slow** starting few ... Download | Links | Contact
us Exchange **link** with us? ... **speed** **speed** up dsl connection **speed** up internet ...
www.pmasoft.net/englisch/tor/Broadband%20Speedtest.html - 69k - Cached - Similar pages

EDN - The **slow** road to 10-Gbps Ethernet - 3/18/2004 - EDN ...
The **slow** road to 10-Gbps Ethernet. ... which would drive you to place the high-**speed**
signals on ... CX4 as the PMD standard for Xenpak modules when the **link** is limited ...

h   g g e c   e ch h e   e   ee f c   c   ge

www.reed-electronics.com/ ednmag/article/CA402130?industryid=19301 - <u>Similar pages</u>

<p style="text-align:center">Gooooooooooogle ▶</p>

Result Page: 1 <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>   **<u>Next</u>**

Free! Get the Google Toolbar. <u>Download Now</u> - <u>About Toolbar</u>

| Google ▾ | | 🔍 Search Web ▾ | 🔲 49 Pop-ups blocked | 📰 News | AutoFill | ✎ |

slow link speed factor application   Search

<u>Search within results</u> | <u>Language Tools</u> | <u>Search Tips</u> | <u>Dissatisfied? Help us improve</u>

<u>Google Home</u> - <u>Advertising Programs</u> - <u>Business Solutions</u> - <u>About Google</u>

©2004 Google

h   g g e c   e ch h e   e   ee   f c   c   ge